



# ARKANSAS DEPARTMENT OF HEALTH

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Secretary of Health**

## **COVID-19 Variant of Concern (VOC) Case Report Arkansas, 2021**

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**Week Ending Saturday 07/31/2021**

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The Arkansas Department of Health (ADH) receives COVID-19 variant reports of a limited number of cases that were sequenced for selected Arkansas residents. The information provided is not the count of all cases due to the COVID-19 Delta variant nor of the counts of all the variants in the state, and are only based on a very small, non-random, convenience sample of cases. Therefore, it is important to understand that this information is not representative of all cases, and does not reflect the overall burden of disease. It is presumed that there are many more people affected than the report shows.

Most of these cases are reported by GISAID and GenBank and identified by ADH staff with assistance from the testing labs. Other data are obtained from [Outbreak.info](https://www.outbreak.info) website.

Due to time lag in getting sequencing results, data are subject to change over time and will be updated as more data become available.

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**August 2, 2021**

# Cumulative Number of Arkansas Specimens Sequenced as of July 31, 2021

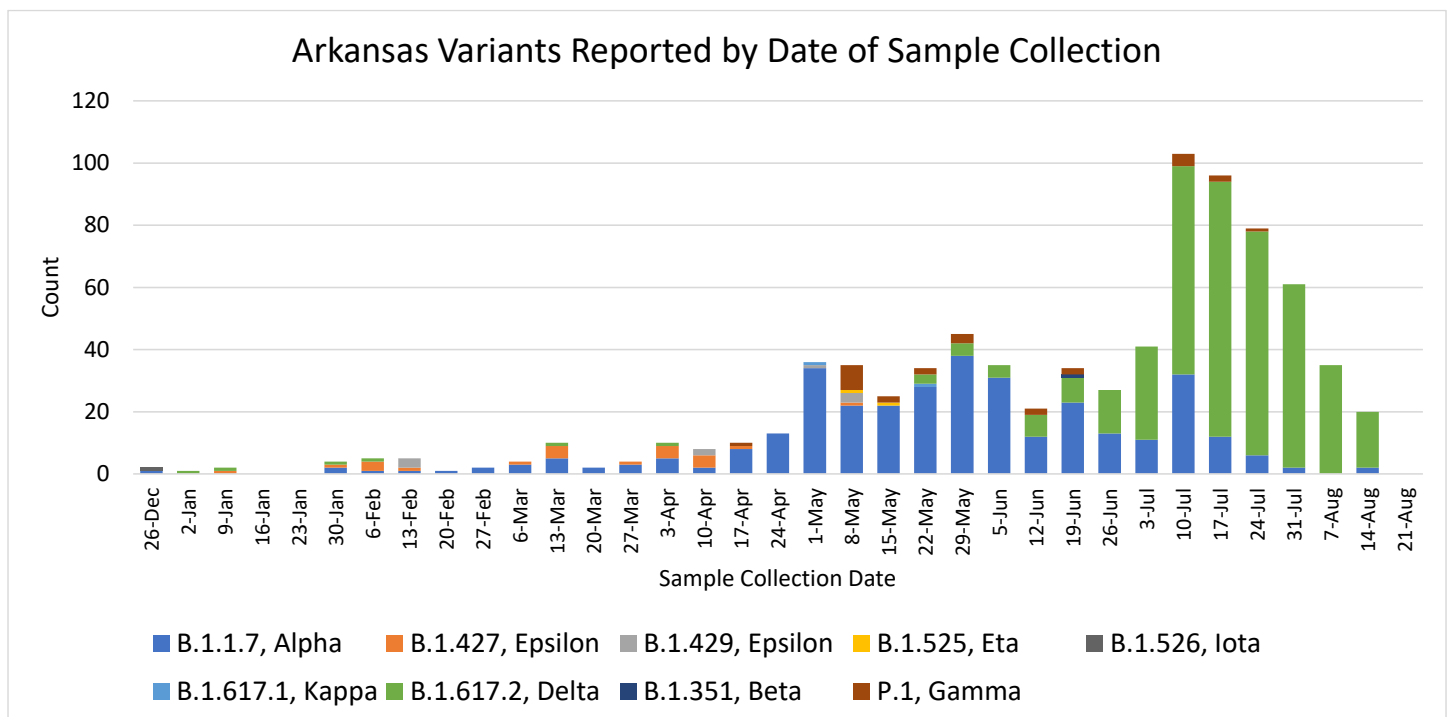
Total Arkansas Sequences = 2,109

Name, WHO label (First Detected)	AR Sequenced Cases*	Percent of Arkansas Sequences	US cumulative Prevalence** (last 60 days)
B.1.1.7, Alpha (UK)	553	26.2%	32% (24%)
P.1, Gamma (Brazil)	40	1.9%	3% (7%)
B.1.617.2, Delta (India)	904	42.9%	4% (52%)
B.1.351, Beta (S. Africa)	1	<0.5%	<0.5% (<0.5)
B.1.429, Epsilon (California)***	17	0.8%	6% (<0.5)
B.1.427, Epsilon (California)***	27	1.3%	3% (<0.5)
B.1.525, Eta (UK/Nigeria) ***	4	<0.5%	<0.5% (<0.5)
B.1.526, Iota (New York) ***	21	1.0%	7% (3%)
B.1.617.1, Kappa (India) ***	9	0.5%	<0.5% (<0.5)

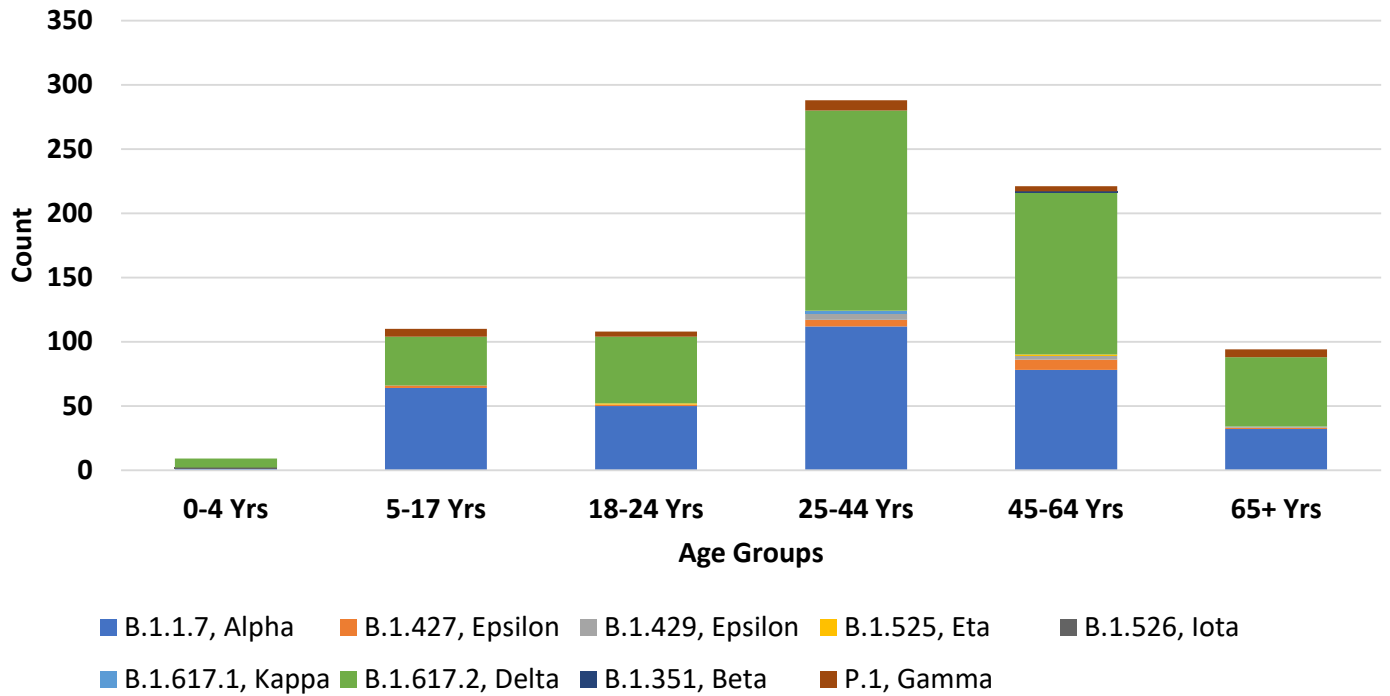
\* Data obtained from GISAID

\*\* Data obtained from <https://outbreak.info/situation-reports>

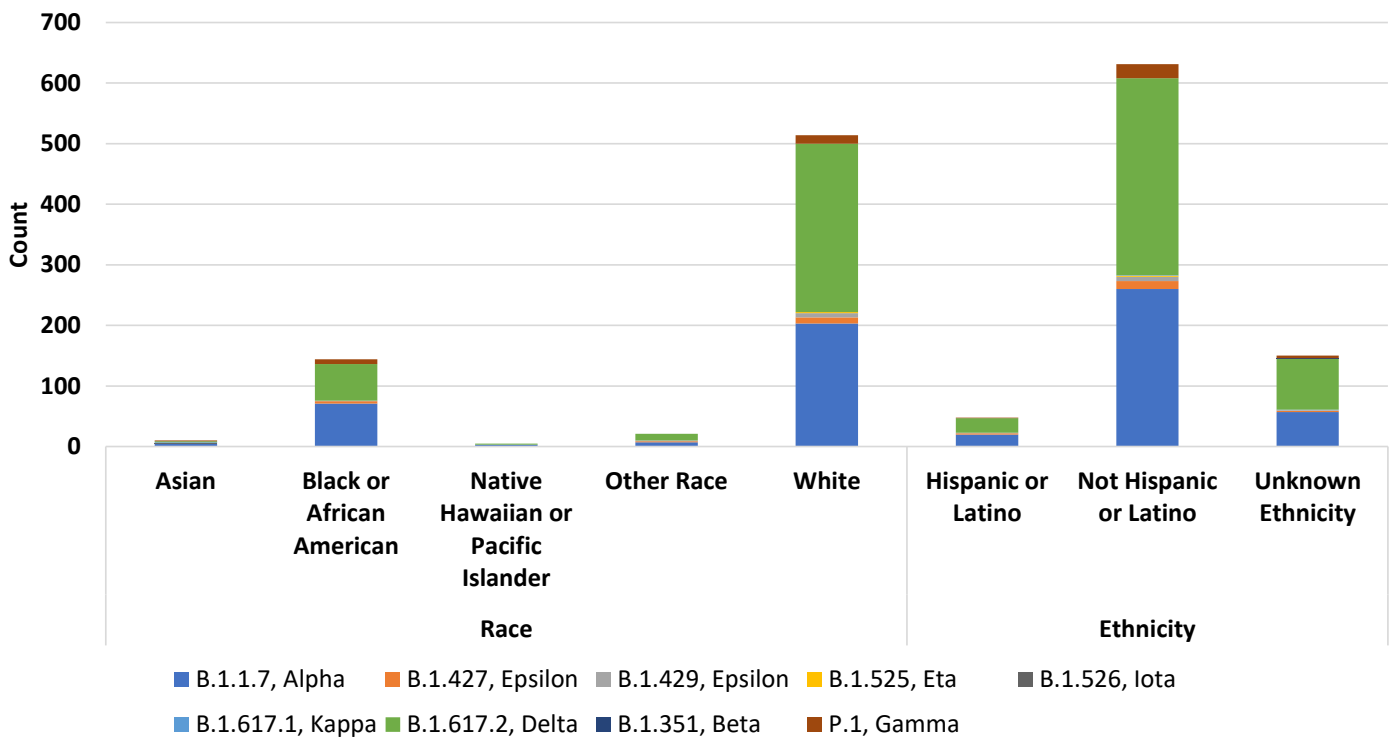
\*\*\* Currently a Variant of Interest



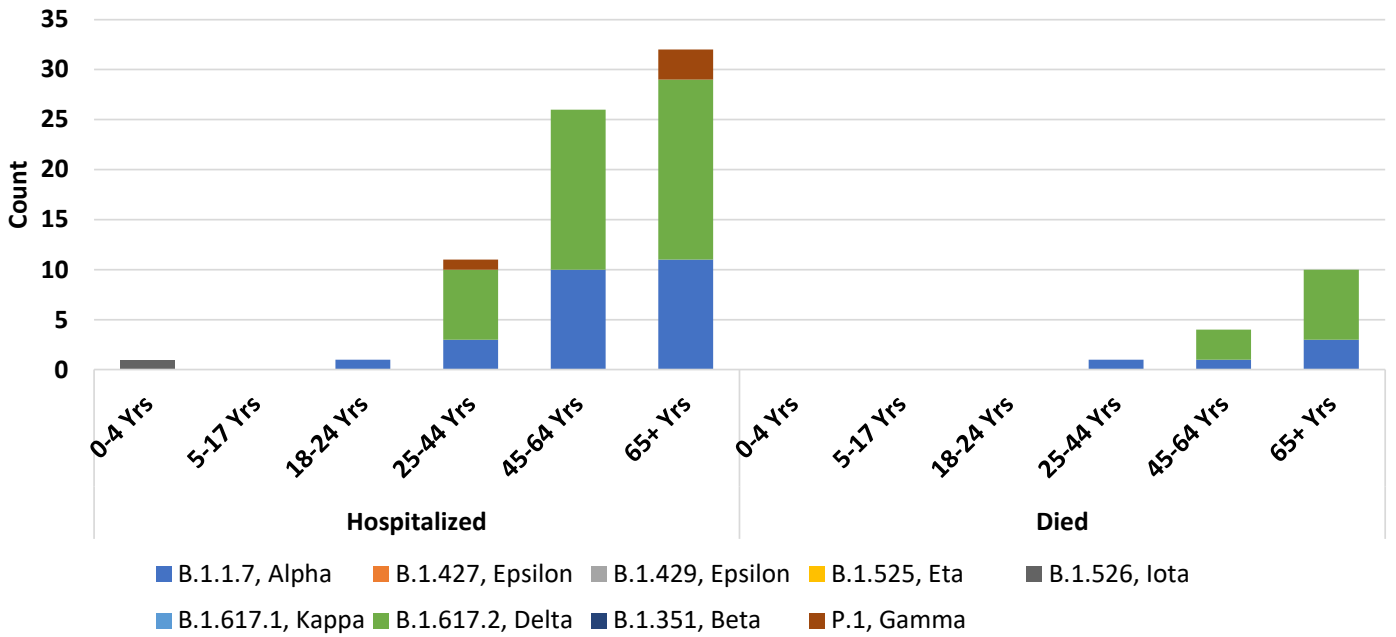
### Arkansas Reported Variant Count by Age Groups



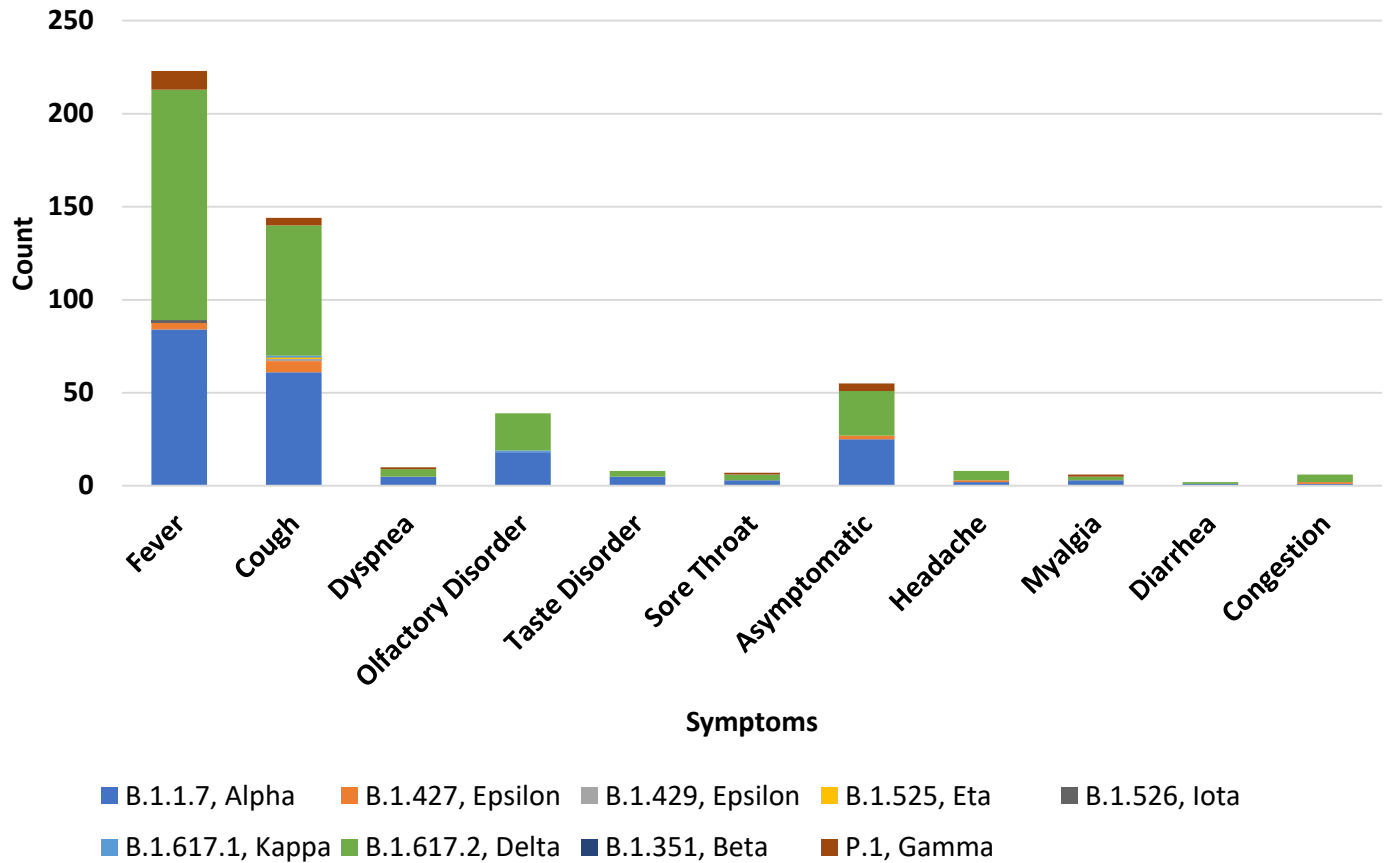
### Arkansas Reported Variant Count by Race and Ethnicity



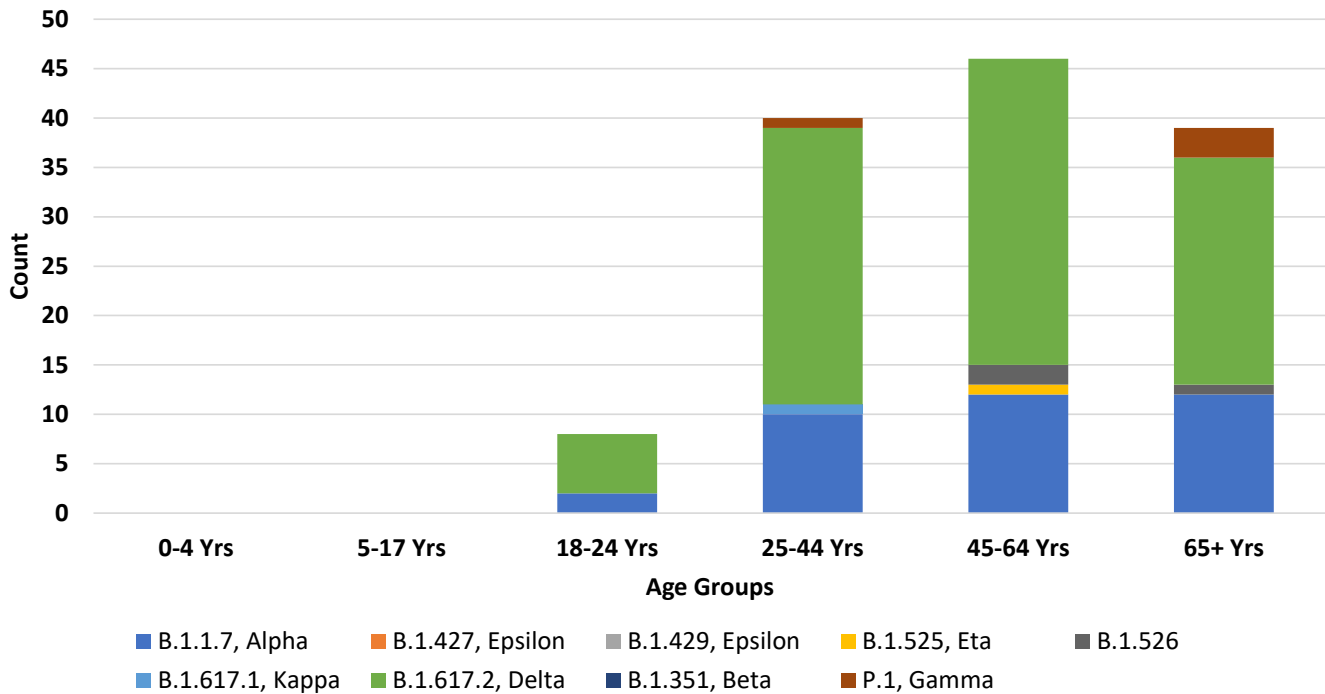
### Arkansas Variant Hospitalization and Death by Age Group



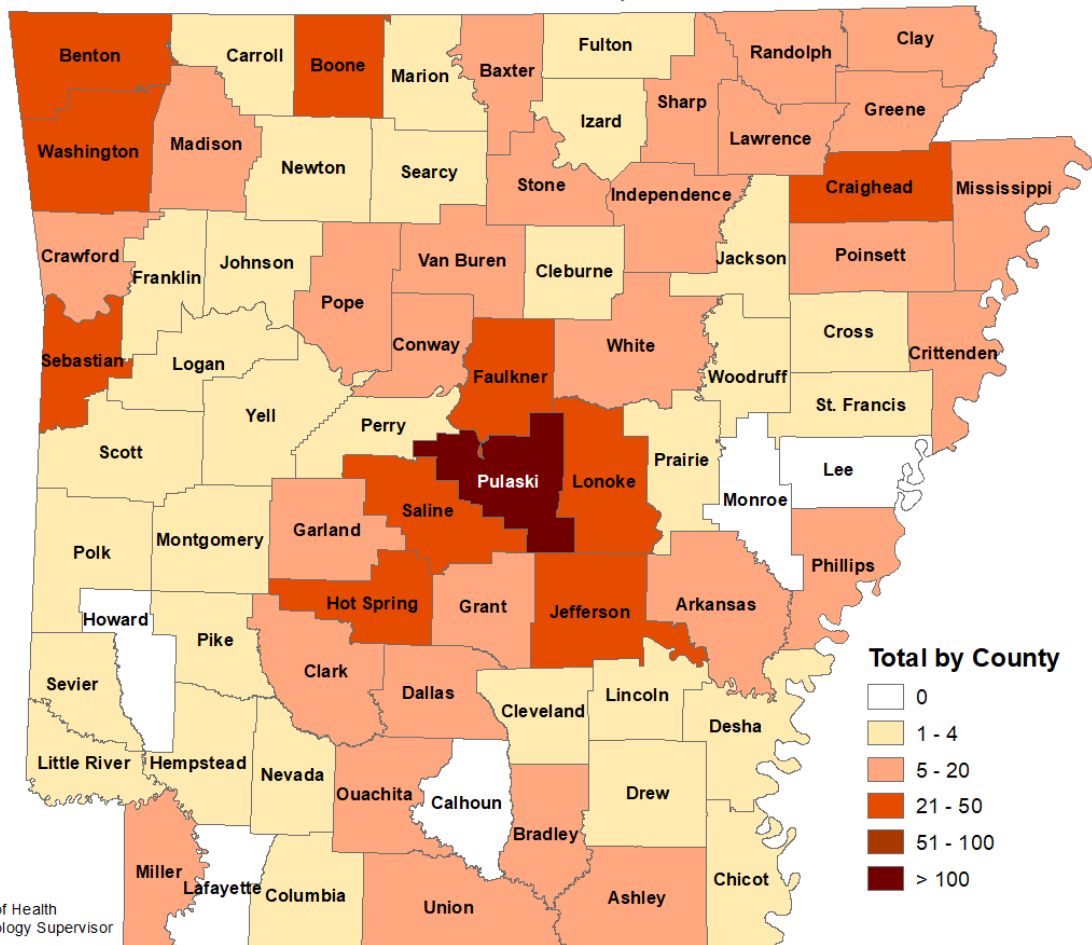
### Arkansas Variant Reported Symptoms



## Arkansas Vaccine Breakthrough by Variant and Age Groups



## Confirmed COVID-19 Variants by County As of July 31, 2021 Arkansas Total: 1,576



Date: August 2, 2021  
Source: Arkansas Department of Health  
Author: Haytham Safi, Epidemiology Supervisor